

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,277,461 B2  
APPLICATION NO. : 10/607629  
DATED : October 2, 2007  
INVENTOR(S) : Ryou et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 4

(56) OTHER PUBLICATIONS, thirty first entry, change "fo" to --of--

Column 2

Line 51, change "over growth" to --overgrowth--  
Line 58, change "Over growth" to --Overgrowth--  
Line 60, change "over growth" to --overgrowth--

Column 3

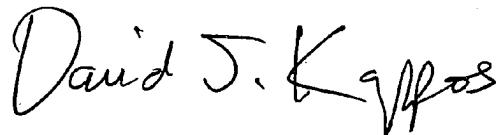
Line 17, change "first" to --bottom--  
Line 22, change "conductivity layer 26" to --conductivity layer, upper contact 26,--  
Line 39, change "with in" to --within--  
Line 40, change "mirrors" to --mirror stacks--  
Line 49, change "substrate" to --substrate 15--

Column 4

Line 15, change "mirror" to --mirror 23--  
Line 30, change "layer" to --layer 27--  
Line 35, change "may a" to --may be--  
Line 40, change "on" to --or--  
Line 41, remove "An active region or cavity 19 may"  
Line 42, remove "be formed on bottom mirror 17. On cavity 19," and change "a" to --A--  
Line 51, change "stack" to --part--  
Line 57, change "(DBR) 45" to --(DBR). Dielectric mirror stack 45--  
Line 59, change "Mirror stack" to --stack 45--  
Line 64, change "dielectric stack" to --stack 45--  
Line 64, remove "46"  
Line 67, change "contact 37" to --contact metal 37--

Signed and Sealed this

Ninth Day of November, 2010



David J. Kappos  
Director of the United States Patent and Trademark Office

**CERTIFICATE OF CORRECTION (continued)**  
**U.S. Pat. No. 7,277,461 B2**

Page 2 of 2

Column 5

Line 26, change "49" to --21--  
Line 33, change "contact" to --contact 39--  
Line 39, change "31 and 33" to --33 and 35--  
Line 55, remove "may be a"  
Line 56, after "17" insert --may be--

Column 6

Claim 1, line 31, change "gain guide" to --layer--  
Claim 7, line 57, change "light the" to --light, the--